

ALASKAN *Works* COPPER

Factory
3200 Sixth Avenue South • Seattle, Washington
TWX 910-444-2095
Telex: 32-0318 FAX: (206) 382-7346

Mailing Address:
P.O. Box 3546 • Seattle, Washington 98124
Telephone: (206) 623-5800

July 23, 1993

Ms. Christie True
Metro Industrial Waste Section
Senior Industrial Waste Investigator
130 Nickerson Street Suite #200
Seattle, WA. 98109-1658

Dear Ms. True:

Enclosed is the results for our composite sample of July 9, 1993. As you can see our Zinc levels were high, after investigating the situation we found some galvanized nuts & bolts in the process system. The system was shut down and cleaned, and all maintenance employees & passivation crew members were reminded of the importance of good house keeping in all areas. I feel this was an isolated incident and should not be a problem in the future.

Sincerely,

ALASKAN COPPER WORKS



Gerald A. Thompson
Environmental Assistant

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: July 15, 1993

Date Received: July 9, 1993

Project: 7238, Metro Self Monitor, PO #M 29801

Date Samples Extracted: July 13, 1993

Date Extracts Analyzed: July 13, 1993

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M 29801	1.9	1.1	3.7	3.9
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M 29801 (Duplicate)	1.9	1.2	3.8	3.9
M 29801 (Matrix Spike) % Recovery	108%	99%	110%	120%
M 29801 (Matrix Spike Duplicate) % Recovery	109%	97%	110%	120%
Spike Blank % Recovery	105%	100%	105%	108%
Spike Level	5	5	10	5